

**CITY OF DURHAM**

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Date: May 20, 2014

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Marvin G. Williams, Director of Public Works
Subject: Contract Amendment for ST-257 Carver Street Extension

Executive Summary

The purpose of this contract amendment is to extend the duration of the contract for the consultant, Horvath Associates P.A., who has thus far provided surveying, engineering design, mapping, and contract documents for the City of Durham's Carver Street Extension from Danube Lane to Old Oxford Highway. Of the \$38,000 additional funding in the amendment \$23,000 is required to renew wetlands and stream disturbance permits from the US Army Corps of Engineers (USACOE) and North Carolina Department of Environment and Natural Resources (NCDENR) that have expired. The permits, which were valid for one year, have expired because real estate acquisitions with several of the property owners have taken longer than expected. The remainder of the funding in the amendment, \$15,000, will be used by the consultant to engage a third party to perform a value engineering review of the estimates and contract documents.

Recommendation

Staff recommends that the City Manager execute contract amendment no. 1 for ST-257 Carver Street Extension with Horvath Associates, P.A. of North Carolina, in the amount of \$38,000.00 and to extend the contract to November 1, 2014.

Background

The scope of this project is to design, permit, and subsequently construct an extension of Carver Street from its current intersection with Danube Lane (SR 1648) to the intersection of Old Oxford Road (SR 1004) and Hamlin Road (SR 1634), a distance of approximately 1 mile.

In order to proceed to construction this project requires multiple permits with various agencies; specifically the USACOE, NCDENR, and the North Carolina Department of Transportation (NCDOT). The permits for wetlands and stream disturbance from the USACOE have expired because real estate acquisitions with several of the property owners have taken longer than expected due to the larger tracts of land with corporate owners and existing deed-of-trust holders that needed to be satisfied. The permit applications need to be re-submitted for renewal, and the plans may need to be updated if additional changes are required by the review agencies.

Lastly, to ensure that the plans adequately reflect all construction requirements, a third party will be employed by the Consultant to perform a value engineering review of the estimates and contract documents. While this work can be performed by Horvath Associates, it is customary to utilize a third party for value engineering to bring an

entirely new set of eyes to examine the engineering drawings and contract documents so that they can be independently reviewed by a staff who are not familiar with the project.

Issues/Analysis

When a set of plans is submitted for a second round of reviews with a permitting agency, additional requirements may be requested. For quality assurance, the specifications and plans will be reviewed following the permit resubmittal process and subsequent plan changes. Horvath will contract with SEPI Engineering & Construction to do the review.

Alternatives

The City Manager can choose to not approve this Amendment, and the project will not proceed due to expired permits.

Financial Impact

The funds for this project were appropriated through the CIP process using Street Impact fees. Funds are available in the following account:

3601L010-732003-LE003	\$38,000.00
Total	\$38,000.00

SDBE SUMMARY

This is a contract amendment. Horvath Associates will be using the following SDBE firm for the additional scope of services:

<u>Firm</u>	<u>ID</u>	<u>City/State</u>	<u>Amount</u>	<u>% of Contract</u>
SEPI Engineering & Construction	WSDBE	Raleigh, NC	\$ 1,900.00	5%

Workforce Statistics

Workforce statistics for Horvath Associates, PA are as follows:

Total Workforce	12	
Total Females	3	25%
Total Males	9	75%
Black Males	1	8%
White Males	8	67%
Other Males	0	0%
Black Females	2	17%
White Females	1	8%
Other Females	0	0%